Choose Your Ooze

Learning Objectives: Students learn how changing ingredients in a recipe affects the results.

GRADE LEVEL
K - 8

SCIENCE TOPICS
Atoms and Molecules
Solutions and Mixtures
Chemical Reactions

PROCESS SKILLS
Comparing and Contrasting
Predicting
Classifying
Inferring

GROUP SIZE
2 – 3

SNEAK PEAK inside …

ACTIVITY
Students mix white glue and detergent in various proportions to make different versions of ooze.

STUDENT SUPPLIES
see next page for more supplies

white glue
Borax detergent
Staflo starch
paper cups
craft sticks, etc…

ADVANCE PREPARATION
see next page for more details

Make Borax™ solution
Make starch solution, etc…

OPTIONAL EXTRAS

DEMONSTRATION
Polymer Games (p. 5)

EXTENSIONS
Defend Your Ooze (p.x)
Ooze Invention Convention (p. x)

TIME REQUIRED

<table>
<thead>
<tr>
<th>Advance Preparation</th>
<th>Set Up</th>
<th>Activity</th>
<th>Clean Up</th>
</tr>
</thead>
<tbody>
<tr>
<td>5 min (procedure A or B)</td>
<td>5 minutes</td>
<td>40 minutes</td>
<td>10 minutes</td>
</tr>
<tr>
<td>30 min (procedure C)</td>
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